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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/559,206	04/26/2000	Daniel Manhung Wong	OR00-01101	1513

51067 7590 03/09/2006

ORACLE INTERNATIONAL CORPORATION  
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2820 FIFTH STREET  
DAVIS, CA 95616-2914

EXAMINER

TO, BAOQUOC N

ART UNIT	PAPER NUMBER
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2162

DATE MAILED: 03/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/559,206	WONG, DANIEL MANHUNG	
	<b>Examiner</b>	<b>Art Unit</b>	
	Baoquoc N. To	2162	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11/10/2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3,5,7-9,11-13,15-17,19-21,23-26,28-29,31-32 and 34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3,5,7-9,11-13,15-17,19-21,23-26,28,29,31,32 and 34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>01/30/2005</u> . | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 02/24/2006 has been entered.

2. Claims 1, 3, 5, 7-9, 11-13, 15-17, 19-21, 23-26, 28-29, 31-32 and 34 are presented for examination.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 5, 7-9, 12-13, 15-17, 20-21, 23-26, 28-29, 31-32 and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maier et al (US. Patent No. 5,625,815) in view of Green et al. (US. Patent No. 6,041,310).

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Regarding on claims 1, 9, and 17, Maier teaches method for selectively auditing accesses to a relational database, comprising:

receiving a query for the relational database [col. 3, lines 65-67];

processing the modified query to produce a query result [col. 6, lines 35-39],

wherein

processing the modified query includes, creating the audit record for rows in relational tables that are accessed by the query and that satisfy the auditing condition [col. 8, lines 28-29], and

recording the audit record in an audit record store [col. 4, line 12]; and

returning the query result [col. 6, lines 35-39].

Maier does not explicitly teach selectively auditing the access the query, wherein selectively auditing the access involves automatically modifying the query prior to processing the query, wherein processing the query causes an audits to be created and recorded only for rows in relational tables accessed by the query and satisfying the auditing condition, wherein the auditing conditions specifies a condition based on a value of a field in a row in the relational database, and wherein satisfying the auditing condition allows selective auditing of the query. Maier teaches, "any new audit record in the audit trail 204 associated with the first object 200 are accessed and corresponding to the redo operation are performed against the second object 202" (col. 7, lines 8-11). This teaches the new audit record is creating records for rows. In addition, Maier also teaches, "an AuditTrail filter is establish such that only AuditTrail records that pertain to the Old Partition are received for processing (by an Audit Fixup Process started by the

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SQL catalog manager). The processing of each audit record that passes the filter is called and "audit fixup" (col. 8, lines 35-40). This teaches the AuditTrial filter is the auditing condition. On the other hand, the method of modifying the query prior processing to redirect the query to perform the different request is known in the art. For example, Green discloses, "first, if non of the readership inventory matches the customer query exactly, terminal processor 10a automatically modifies the primary query to create the second query so that at least one vehicle is displayed" (col. 10, lines 63-66). This teaches modifying the query. Addition, accessing the record based on the values in the query in order to satisfy the request is in the art. Therefore, it would have been obvious to one ordinary skill in the art at the time of the invention was made to modify the teaching of Green into Maier because automatically modifying query would allow the system to adapt to any changes and efficiently retrieve or create the results according to the changes.

Regarding on claims 5, 13 and 21, Maier teaches the query modifies at least one entry in the relational database, using a relational database system trigger to create and record the audit record for the modification to the relational database [col. 4, lines 10-12].

Regarding on claims 7, 15 and 23, Maier teaches the audit record includes:

a user name for a user making the query [col. 6, line 4];

a time stamp specifying a time of the query [col. 6, lines 4-10]; and

a text of the query [col. 6, lines 15-18].

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Regarding on claims 8, 16 and 24, Maier teaches the auditing condition includes a condition for a field within the relational database [col. 5, lines 2-3].

Claims 26, 29 and 32 claimed the same concepts as to claims 1, 9, and 17; therefore, they are rejected under the same reason as to claims 1, 9 and 17.

Claims 28, 31 and 34 are the similar to claim 8, 16 and 24; therefore, they are rejected under the same conditions with 8, 16 and 24.

4. Claims 3, 11 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maier et al (US. Patent No. 5,625,815) in view of Green et al. (US. Patent No. 6,064,951) and further in view of Cochrane et al. (US. Patent No. 6,041,310).

Regarding on claims 3, 11, and 19, Cochrane teaches ensuring that the case statement is evaluated near the end of the query processing so that the case statement is evaluated only after other conditions of the query are satisfied, so that the audit record is created only for rows that are actually accessed by the query (col. 8, lines 55-60).

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(571) -273-8300

[Official Communication]

BQ To

March 3rd, 2006

A handwritten signature in black ink is written over a rectangular official stamp. The signature is stylized and appears to be 'JH'. The stamp contains text that is mostly illegible due to the signature and the quality of the scan, but it likely contains the name of the official and their title.